Notice of Allowability 10/621,656		Application No.	Applicant(s)	
Notice of Allowability Examiner Art Unit 3744 - The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308. 1. ☑ The allowed claim(s) is/are 11-18. □ The drawings filed on			Applicant(s)	
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Information Disclosure Statement

U.S Patent application No. 10/315,994 to Sent –Ho CHO et al., filed December 11, 2002 has been checked for IDS without any 1419.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Pieprz on 09/08/04.

The application has been amended as follows: The non-elected claims 1-10 and 17-31 have been cancelled from further consideration.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: Claim 11 is allowable because the prior art of reference fails to disclose or suggest or teach the recited rapid cooling channel having one end communicating with an entering channel of the refrigerating chamber and the other end communicating with the rapid cooling chamber; a load-based cooling module for sensing a load in the rapid cooling chamber and supplying the cool air guided along the rapid cooling channel to the sensed load; and a controller for controlling the compressor, the blowing fan, the damper, and the load-based cooling module on the basis of signals outputted from the load sensing sensor and the load-based cooling module.

۱ درسد Application/Control Number: 10/621,656

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad Ali whose telephone number is 703-308-5032. The examiner can normally be reached on Monday to Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Esquivel Denise can be reached on 703-308-2597. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mohammad M. Ali September 8, 2004

> Villiam E. l'Yapolcai Primary Examiner Art Unit 344